

WHAT IS CLAIMED IS:

1. An assembly for spraying material on a traffic barrier having a plurality of surfaces, said assembly comprising:

a frame defining an open area through which the traffic barrier can pass;

wheels coupled to said frame enabling said frame to roll along a length of the traffic barrier; and

at least one spray head array supported by said frame, wherein said at least one spray head array sprays material on at least one of the surfaces of the traffic barrier as the traffic barrier passes through said open area.

2. The assembly according to Claim 1, wherein said frame straddles the traffic barrier supporting wheels on opposite sides of the traffic barrier.

3. The assembly according to Claim 1, wherein said material sprayed by said at least one spray head array is selected from a group consisting of: paints,

waterproofing solutions, solvents, solid abrasives, air, water and cleaning solutions.

4. The assembly according to Claim 1, further including an engine for propelling said frame along a length of traffic barrier.

5. The assembly according to Claim 1, further including guide wheels, supported by said frame that contact and roll along the plurality of surfaces of the traffic barrier.

6. The assembly according to Claim 5, further including positional controls for selectively adjusting said at least one spray head array.

7. The assembly according to Claim 6, wherein said positional controls are coupled to said guide wheels and receive information about the traffic barrier from said guide wheels.

8. The assembly according to Claim 1, further including a mechanical cleaning mechanism supported by said frame for contacting and mechanically

cleaning the traffic barrier as the traffic barrier passes through said open area.

9. A method of maintaining surfaces of a traffic barrier, comprising the steps of:

providing spray heads that spray material;

orienting said spray heads in a frame to spray said material in a predetermined area; and

rolling said frame along the traffic barrier so that surfaces of the traffic barrier pass through said predetermined area and receive said spray material.

10. The method according to Claim 9, wherein said step of orienting said spray heads in a frame includes orienting spray head along opposing sides of the traffic barrier.

11. The method according to Claim 9, wherein said material sprayed by said spray heads is selected from a group consisting of: paints, waterproofing

solutions, solvents, solid abrasives, air, water and cleaning solutions.

12. The method according to Claim 9, wherein said step of rolling said frame along the traffic barrier includes providing an engine for propelling said frame along a length of the traffic barrier.

13. The method according to Claim 9, wherein said step of orienting said spray heads in a frame includes the substeps of:

- detecting changes in dimensions of the traffic barrier as said frame rolls along the traffic barrier; and

- adjusting said spray heads to compensate for changes in dimensions detected.

14. The method according to Claim 13, wherein said substep of detecting changing in dimensions includes contacting the traffic barrier with guide wheels, wherein said guide wheels roll along the traffic barrier and physical changes in the traffic barrier.

15. A method of cleaning and spraying a traffic barrier, said method comprising the steps of :

advancing a first set of spray heads along the traffic barrier that are guided by the traffic barrier , wherein said first set of spray heads spray a cleaning material onto surfaces of the traffic barrier; and

advancing a second set of spray heads along the traffic barrier that are guided by the traffic barrier, wherein said second set of spray heads spray a coating material onto said surfaces of the traffic barrier.

16. The method according to Claim 15, wherein said cleaning material is selected from a group consisting of air, abrasives, cleaning solution, water and solvents.

17. The method according to Claim 15, wherein said coating material is selected from a group consisting of paint and waterproofing compounds.

18. The method according to Claim 15, wherein said step of advancing a first set of spray heads along

the traffic barrier includes positioning the first set of spray heads in a vehicle that straddles the traffic barrier and rolls along the traffic barrier.

19. The method according to Claim 15, wherein said step of advancing a second set of spray heads along the traffic barrier includes positioning the second set of spray heads in a vehicle that straddles the traffic barrier and rolls along the traffic barrier.